

ABSTRACT OF THE DISCLOSURE

1 In an apparatus for producing images on a light-
2 sensitive material, the graphic information content for an
3 image that is to be projected onto the light-sensitive material
4 is divided into individual pixels. The projected image is
5 composed of mutually offset partial images that are represented
6 in a transmissive device consisting of an array of transmissive
7 elements. The apparatus includes a light source that generates
8 light rays passing through the transmissive device, an
9 illumination device that bundles the light rays into light
10 beams before they pass through the transmissive device, and a
11 projection objective that projects the light beams
12 telecentrically onto the light-sensitive material.